

Title (en)  
Horizontal modular reactor

Title (de)  
Aus Modulen bestehender horizontaler Reaktor

Title (fr)  
Réacteur modulaire horizontal

Publication  
**EP 1095697 B1 20040407 (EN)**

Application  
**EP 00123037 A 20001024**

Priority  
IT MI992245 A 19991028

Abstract (en)  
[origin: EP1095697A1] 1. Horizontal modular reactor for reactions which develop in triphasic systems which comprises: a) a horizontal cylindrical body subdivided into at least two modules by at least one vertical baffle; b) at least one heat exchanger in at least one module; c) a gas distributor for each module, situated below the heat exchanger and positioned in the lower zone of the module; d) a pair of outlets for each module for discharging the gas and the reaction liquid. <IMAGE>

IPC 1-7  
**B01J 8/04**; B01J 8/22; C10G 2/00

IPC 8 full level  
**B01J 8/22** (2006.01); **C10G 2/00** (2006.01)

CPC (source: EP)  
**B01J 8/22** (2013.01); **C10G 2/34** (2013.01); **B01J 2208/00061** (2013.01); **B01J 2208/00132** (2013.01); **B01J 2208/00141** (2013.01); **B01J 2208/025** (2013.01); **B01J 2219/0002** (2013.01); **B01J 2219/00768** (2013.01); **B01J 2219/182** (2013.01)

Cited by  
EP2742994A1; US2013084223A1; US8894939B2; WO202076601A1; WO2011100830A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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